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OM protein - protein search, using sw model

Run on: December 29, 2002, 13:52:52; Search time 32 Seconds (without alignments)
2057.056 Million cell updates/sec

Sequence: Perfect score: Title: 2539

Scoring table: BLOSUM62 MEEPQPPRPPASMALLGSQH.......PEPVTAVTKQPKSEAGDTSL 49.

908470 segs, 133250620 residues Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters:

908470

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100%

Listing first 45 summaries

Database :

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2. /SIDS2/godukt/genesed/genesegp-embl/AA1981.DAT:
2. /SIDS2/godukt/genesed/genesegp-embl/AA1981.DAT:
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Prad. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. /SIDS2/gcgdata/geneseg/genesegp~embl/AA2002.DAT:*

SUMMARIES

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12.3 12.3	19.6 12.6	97.3 33.6	100.0	
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ALIGNMENTS

RESULT 1 AAE15640 ID AAE1

AAE15640 standard; Protein; 494 AA.

AAE15640;

12-MAR-2002 (first entry)

Human G-protein coupled receptor-10 (GCREC-10) protein.

Human, Groceta coupled receptor-10, GCBS-10, therapy, cancer, stroke, call proliferative disorder, neurological epilepsy, Parkinson's disease, Alabeimer's disease, inflammation, thyroiditis, hearolytic assents, AIDS, Acquired Immune beficiency Syndroms, dementis, notropic obtailthiasis; multiple scierosis, atheroscierosis, anglina pectonis, quatroscieritis;

WANTE SEE SEE Homo sapiens. diabetes; ulcer; viral infection; immunosuppressive.

Domain Location/Qualifiers

/label= Transmembrane_domain

WO200198351-A2.

PXBXBX 27-DEC-2001.

15-JUN-2001; 2001WO-US19275

16-JUN-2000; 2000US-212483P. 22-JUN-2000; 2000US-213954P. 29-JUN-2000; 2000US-215209P. 07-JUL-2000; 2000US-216595P.

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14-JUL-2000; 2000US-218936P.
19-JUL-2000; 2000US-219154P.
21-JUL-2000; 2000US-220141P.
(INCY-) INCYTE GENOMICS INC.
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dal P. Baughn MR. Hafalla ATA. Nguyen DB. Gandhi AR. Kallick Kb. Griffin JR. Yue H. Khan Fa. Pattergon C. Lu-1DM. Tithouley CM: Ju Y. Walla MK. Graul R. Yao MG. Yang J. Rankumar J. An-Young Eliott 'V3. Harnandes R. Malbh RT. Berowsky Mr. Thornton M. He A.

N-PSDB; AAD24965. WPI; 2002-075627/10.

Isolated human G-protein coupled receptor polypeptides and the use of these sequences in the diagnosis, treatment and prevention of diseases and in the assessment of exogenous compounds on the expression of the receptors

Claim 1; Page 123-124; 143pp; English.

The invention relates to isolated human o-protein coupled receptor (GCREO) polypeptides and their biologically active fragments: GCREC and protein is useful in treating a disease or condition associated with an increase or decrease in expression of functional GCREC. The GCREC's are useful in the diagnosis, treatment and prevention of cell proliferative disorders (carcor, leukeman, melanoma); neurological disorders (stroke, epilepsy, Parkinson's disease, demonita, Alzheimar's disease); autolmune inflammatory disorder (Phyroidtis, hemolytic anneals, AIDS, multiple schemols); cardiovasculur disorder (atheroschemols, asstromenellis); partionnessinal disorder (uncer, cholalthiasis, gastromenellis); partionnessinal disorder (uncer, cholalthiasis, gastromenellis); and in melabolic disorders (disorders) virus and in melabolic disorders (disorders). of the nucleic acid and amino acid sequences. The present sequence is human GCREC-10 protein.

Sequence 494 AA;

Query Match Best Local : 61 Local Similarity GGTAANPGGGGUGGSGAAREAGAAYRRPLGPEAAPLLSHGAAVAAQALVLLLLIFLLSSLG 120 MEEPOPPRPPASMALLGSQHSGAPSAAGPPGGTSSAATAAVLSFSTVATAALGNLSDASG 60 Conservative 100.0%; Score 2539; DB 23; Length 494; 100.0%; Pred. No. 3.2e-206; 9 Mismatches Indels o, Gaps

0

181 RGFCAASRFFSSCFGIVSTLSVALISLDRYCAIVRPPREKIGRRRALQLLAGAWLFALGF 240 RGFCAASRFFSSCFGIVSTLSVALISLDRYCAIVRPPREKIGRRRALQLLAGAWLTALGF 240

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밁 301 CKTVRLSDYRVREPVNIYANVLRESSEVRENYTYLIMIYEVICCMOPYCELVILAANOON 360 CKVURLSDYRVREPVNIYANVLRESSEVRENYTYLIMIYEVICCMOPYCELVILAANOON 360 CKVURLSDYRVRESSEVRENYTYLIMIYEVICCMOPYCELVILAANOON 360 CKVURLSDYRVENYTYLIMIYEVICCMOPYCELVILAANOON 360 CKVURLSDYRVRESSEVRENYTYLIMIYEVICCMOPYCELVILAANOON 360 CKVURLSDYRVRESSEVRENYTYLIMIYEVICCMOPYCCHURLSDYRVRESSEVRENYTYLIMIYEVICCMOPYCCHURLSDYRVRENYTYLIMIY

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421 GLQARSRSRLRNRYANRIGACNRMSSSNPASGVAGDVAMWARKNPWYLFCREGPPEPVTA 480

GLQARSRSRLRNRYANRLGACNRMSSSNPASGVAGDVAMHARKNPVVLFCREGPPEPVTA 480

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12-MAR-2002 (first entry)

Human G-protein coupled receptor-10 (GCREC-10) cDNA

luman; oppotein coupled receptor-10; GCREC-10; therapy; cancer; stroke; cell proliferative disorder; peurological; epilepy; Parkinson's disease; althemer's disease; inflammation; thyroiditis; hemolytic anaemia, NIDS; acquired Tammae Deficiency Syndrome, dementia, noutropic obbelatithiasis; multiple scierosis; ahberoscierosis; angine peccoris; sastroenteritis; multiple scierosis; ahberoscierosis; angine peccoris; sastroenteritis; diabetes; ulcer; virai infection; immunosuppressive; ss.

Homo sapiens.

WO200198351-A2. /product= "Human GCREC-10 protein" Location/Qualifiers

15-JUN-2001; 2001WO-US19275,

22-UUN-2000; 2000US-213954P.
29-UUN-2000; 2000US-213509P.
07-UUL-2000; 2000US-215958P.
14-UUL-2000; 2000US-218936P.
19-UUL-2000; 2000US-219154P. 16-JUN-2000; 20000S-212483P

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aal P. Baughn MR. Hataliā AJA, Nguyen DB, Gandhi AR, Kallick D Griffin JB, Yue H. Khan BP, Patterson C. Lu DM, Tribouley CH, Lu Y. Malla NK, Graul R. Yao MG, Yang J, Ramkumax J, Nu You Elliott 'W3, Hernandez R. Malsh RY, Borowsky ML, Thornton M, Be Kallick DA; Au-Young J; ton M, He A;

WPI; 2002-075627/10. P-PSDB; AME15640.

Isolated human G-protein coupled receptor polypeptides and the use of these sequences in the diagnosis, treatment and prevention of diseases and in the assessment of exogenous compounds on the expression of the receptors

Claim 11; Page 137-138; 143pp; English.

The invention relates to isolated human G-protein coupled receptor (GCREX) polyaperides and that biologically eptite fragments, GCREC and protein is useful in treating a disease or condition associated with a increase or decrease in expression of functional GCREC, The GCREC's are useful in the disposis, treatment and prevention of cell proliferity disorders (curoex, leathers, leathers), periodical disorders (stroke, epilopsy, Parkinson's disease, dementiá, Alzheimer's disease); autozimune inflammatory diseoder (Ebroriditis, hemolytic onaemia, AIDS multiple solevoses); cardiovascular disorder (erbarosclerosis, anglan poctoris), gastroitheathal disorder (ulcer, cholalithasis, gastropathitis), matabolic disorders (disbetes), viral infections (herpes virus) and in the assessment of the effects of exogenous compounds on the expression of the modalic acid and amino acid sequences. The present sequence is human GCREC-10 cDNA.

Sequence 2177 BP; 439 A; 692 C; 610 G; 436 T; 0 other;

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                                                                          Mismatches
                                                                          Indels
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                                                                       Gaps
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1080	46 ATCTGCT 21 ATCTGCT	0 ~
1045	966 CTRCGGTTCTTCAGCGAGGGCACGGCGCACCGCCTCATCATGATGGTCTTCGTC 961 CTRCGCTTCTTCAGCGAGGGCACGGGCCACCAGCCTCATCATGATGGTCTTCGTC 961 CTRCGTTCTTCAGCGAGGGCACGGGCCACCAGCGTCATCATGATGGTCGTCGTCGTC	o ~
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625	566 GEORGETTETROGCEGOCHACCEGETTETRIAGETTCATGCTTCGTCGCAATGGTTCCACCTTC 561 CGCGCTTCTTCGCCCCACACCACCTTCTTCACCTTCCTTC	
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265 240	206 GROGESCALARITROCCOCTROCOGRIGOGOGOGOCTTROCOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGOGO	
205	146 GTGCTCTCCTTCAGCACCGTGGGGACGGGGGGGGGGGGG	
120	86 PCGGGCGCCCCCCGCGGGCCCACCCGCGCCACCTCCCCCCCC	

QY 1166 GCCATCAACCCTGTCATCTACGCCATCCCCAATCCCAACATTTCGATGCTCCTAGGGCGC 1225

Dβ		
Ŋ	1226 AACCGCGAGGAGGAGGACCGACCTAGGAATGTGGACGCTTTTCCTGCCCAGCCAG	
밁	1201 AACCSCGAGGAGGGCTACCGGACTAGGAATGTGGACGCTTTCCTGCCCAGCCAG	
γ2	1286 GGTCTGCAAGCCAGAAGCCGCAGTCGCCTTCGAAAGCGCTATGCCAACCGGCTGGGGGCC 1345	
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VΩ	1346 TGCAACAGGATGTCCCTCTTCCAACCGGCCAGCGGAGTGGCAAGGGGACGTGGCCATGTGG 1405	
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